



# NITFS Compliance Registration



**Product: GIPC Commercial DPPDB Baseline Version 5.22**

**Sponsor: Harris Corporation**

**Developer: Harris Corporation**

**Date: 3 September 2010**

**Expiration: 2 September 2012**

**Registration #: 368**

☐ System ☐ Product ☒ Component

N-0105, §4.1.1 N-0105, §4.1.2 N-0105, §4.1.3

- ☐ Initial Registration  
☒ Supplemental/Update # 361  
☐ Derived from Reg. #

## Complexity Level

NITF 2.1 CLEVEL							
		3	5	6	7		
Interpret							
Generate							
NITF 2.0 CLEVEL							
	1	2	3	4	5	6	Oth
Interpret							
Generate							

## Configurations Tested:

-Windows XP Pro x64 SP2  
- Dual Core AMD 2.21 GHz 2.75GB  
RAM

### Legend

- \*\* NITF 2.0 only feature  
\* NITF 2.1 only feature  
● Fully implemented  
◐ Partially implemented  
○ Not implemented

### Format

#### NITF

- ☐ 2.1  
☒ 2.0  
☐ 1.1

#### NSIF

- ☐ 1.0

### Pixel Value Types

- ☐ Boolean  
☒ Integer  
☐ Signed Integer \*  
☐ IEEE Real \*  
☐ IEEE Complex \*

### Annotation Segment Types

- ☐ Bit Mapped \*\*  
☒ CGM, 2301  
☐ CGM, 2301A  
☐ Labels \*\*

### Text Segments

- ☒ STA  
☐ OUT1  
☐ OUT8  
☐ OUTF

## NITFS Features Implemented:

### Image Segment Types

- ☐ MONO  
☐ RGB  
☒ RGB/LUT  
☐ YCbCr  
☐ MULTI  
☐ NODISPLAY  
☐ POLAR  
☐ No Mask  
☐ Mask

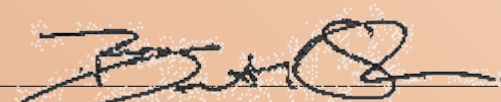
### Image Compression

- ☐ No compression  
☒ JPEG Lossy, 8-bit  
☐ JPEG Lossy, 12-bit  
☐ JPEG Downsample  
☐ JPEG Lossless  
☐ JPEG 2000  
☐ Code Stream w/o JP2  
☐ Code Stream w/JP2  
☐ 1 Band  
☐ 3 Band RGB  
☐ 1 Band RGB/LUT  
☐ Multiband  
☐ Bi-Level  
☒ Vector Quantization

### Data Extension Segments

- ☐ TRE\_OVERFLOW  
☐ STREAMING\_FILE\_HEADER  
☒ Controlled Extensions  
☐ IMASDA  
☒ IMCBDA  
☐ IMRFCA  
☐ MSDIRA  
☐ PPRSDA  
☐ PRADAA  
☐ PRADRA  
☒ Registered Extensions  
☐ RPFDES  
☐ RPFHDR  
☐ PSUPDA  
☐ PTPRAA  
☐ RGRDRA  
☐ SEGSPA  
☐ SISDDA  
☐ SSDPDA  
☐ 1  
☒ 8  
☐ 9-16  
☐ 16  
☐ 17-32  
☐ 32  
☐ 33-64  
☐ 64

### Bit-Per-Pixel

  
BRENT L. SNYDER, Lt Col, USAF, JTF  
Portfolio Chief  
Joint Interoperability Test Command  
Executive Agent to National Geospatial-  
Intelligence Agency for the NITFS Test and  
Evaluation Program